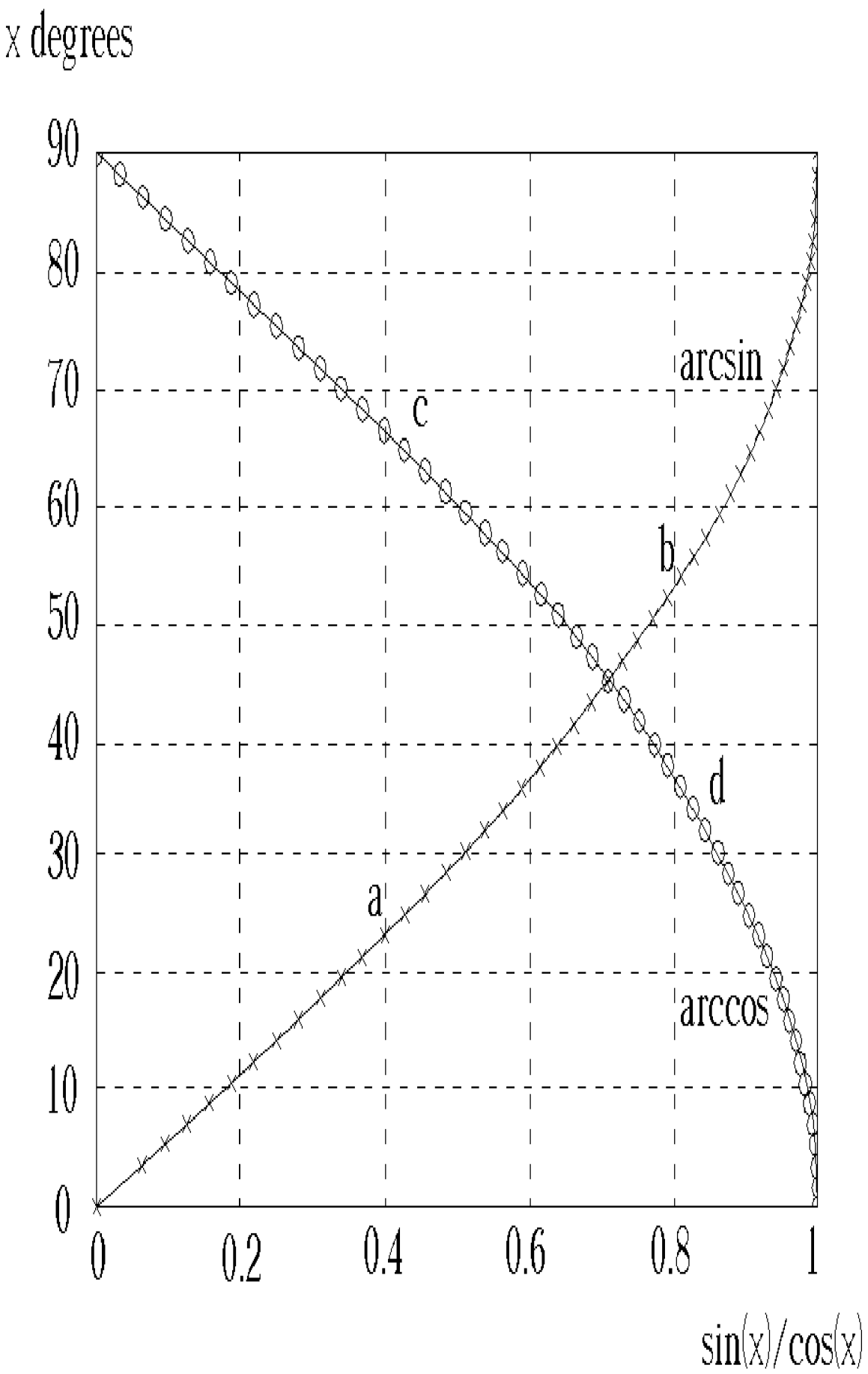
x degrees
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
sin(x)/cos(x)
arcsin
arccos
a
b
c
d

Fig. 1

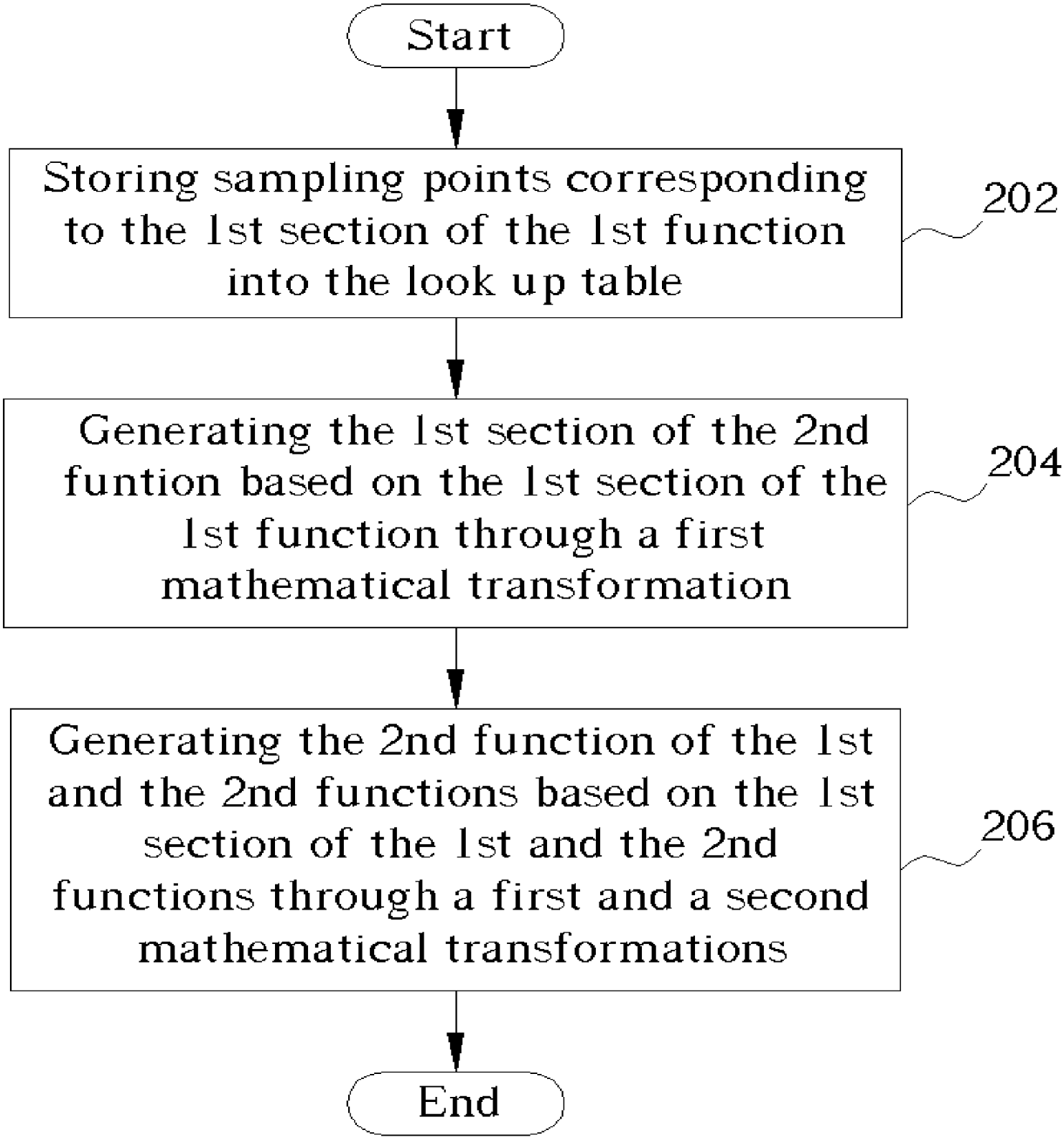
Start
Storing sampling points corresponding to the 1st section of the 1st function into the look up table
202
Generating the 1st section of the 2nd funtion based on the 1st section of the 1st function through a first mathematical transformation
204
Generating the 2nd function of the 1st and the 2nd functions based on the 1st section of the 1st and the 2nd functions through a first and a second mathematical transformations
206
End

Fig. 2

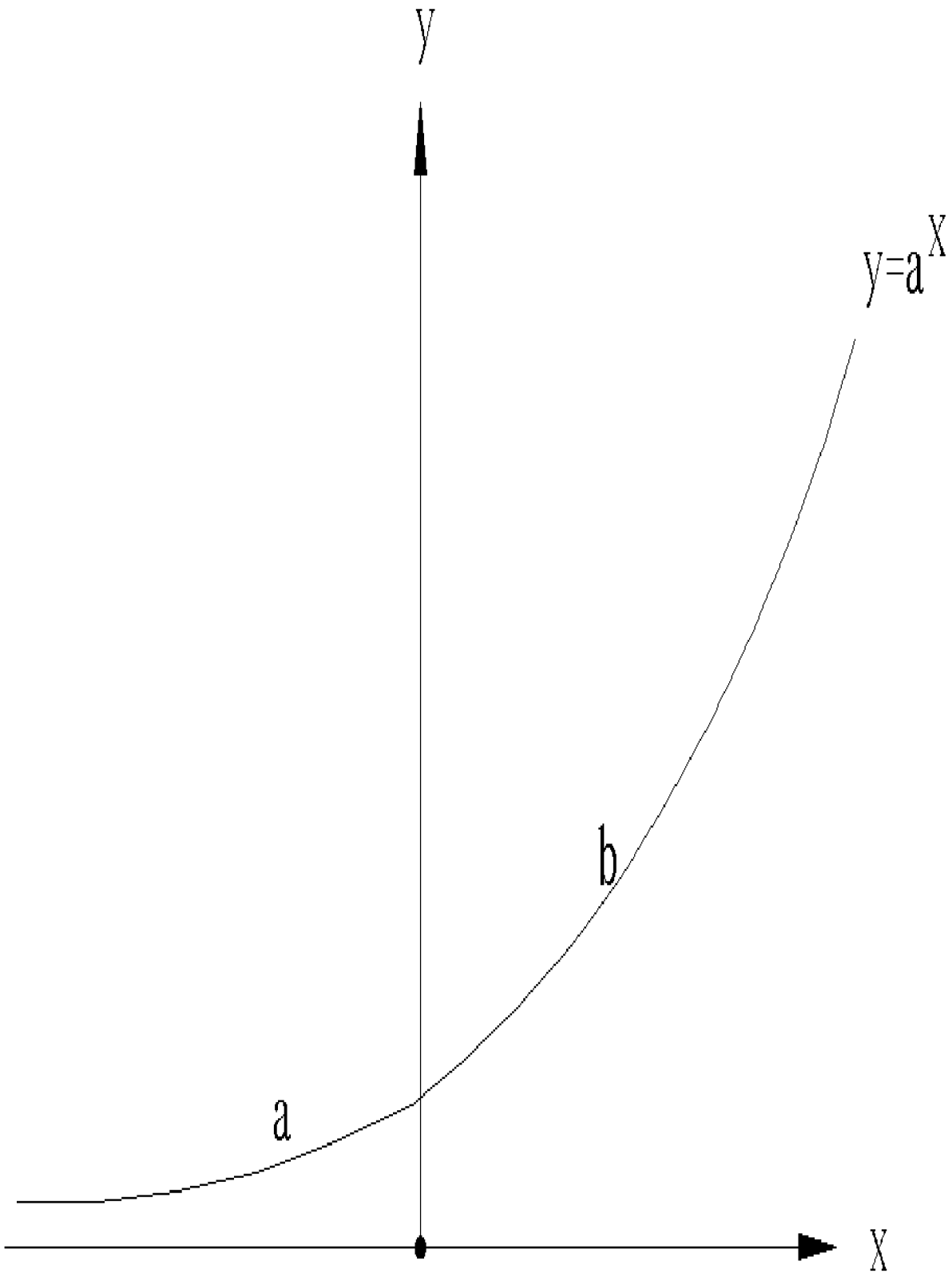

Fig. 3

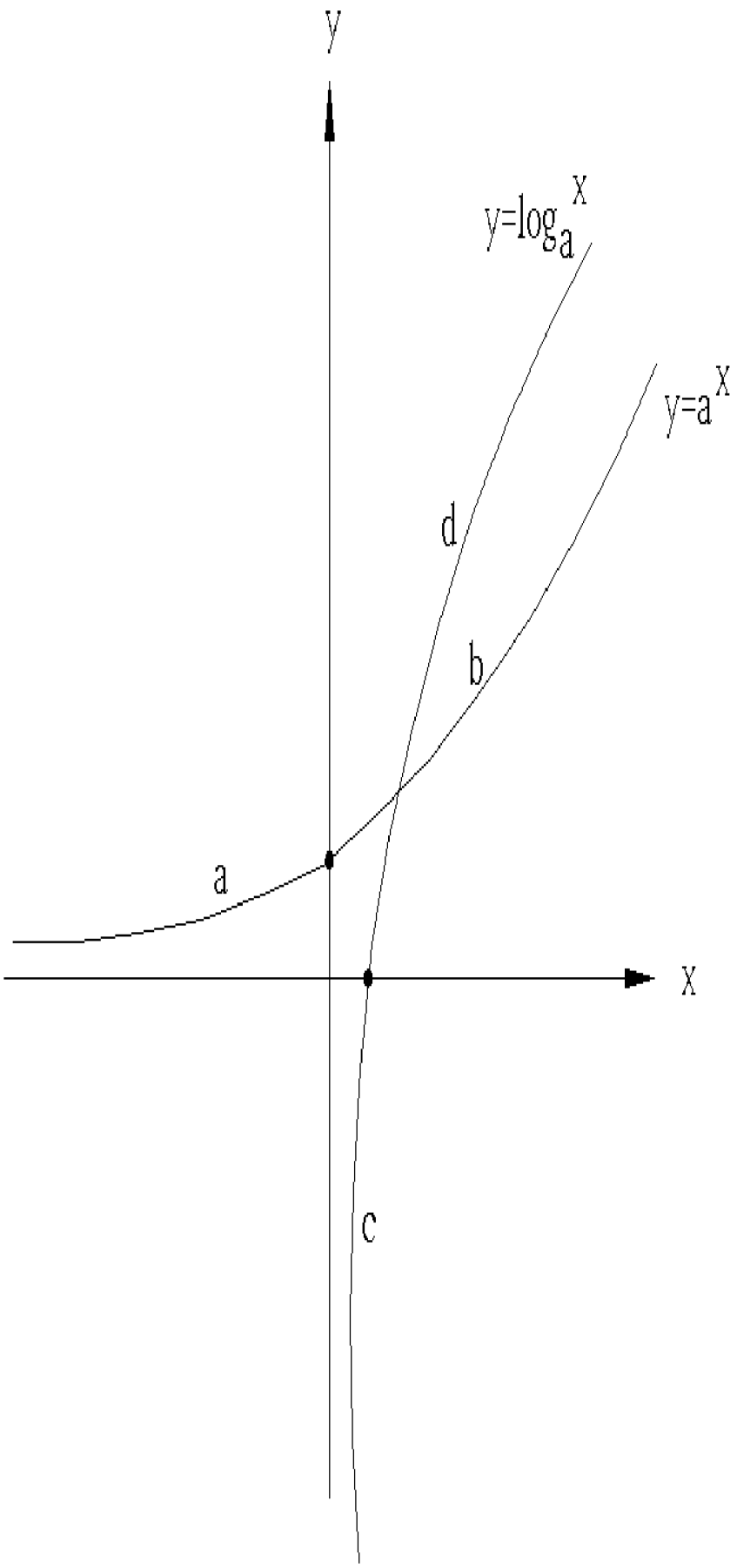

Fig. 4

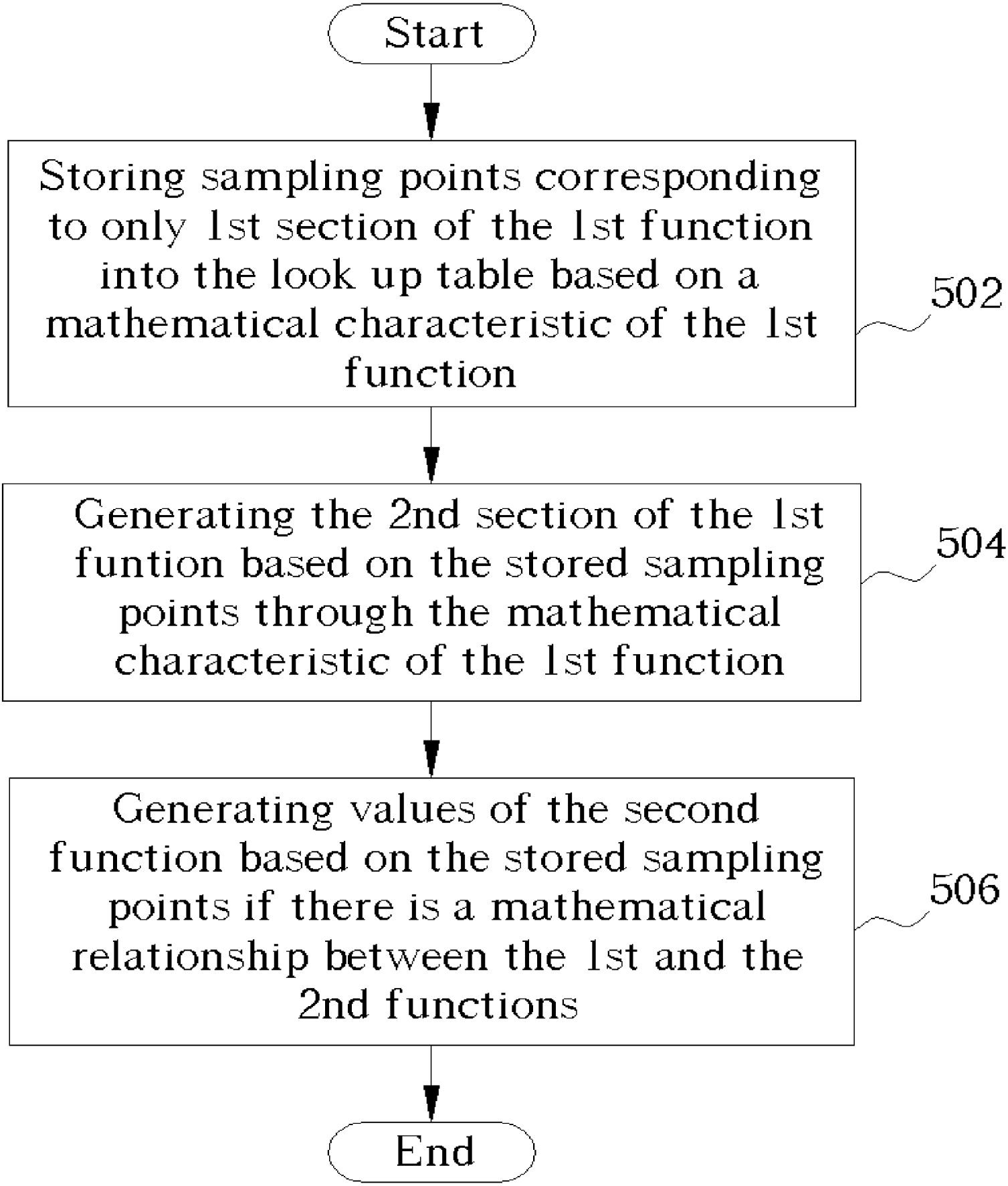
Start
Storing sampling points corresponding to only 1st section of the 1st function into the look up table based on a mathematical characteristic of the 1st function
502
Generating the 2nd section of the 1st funtion based on the stored sampling points through the mathematical characteristic of the 1st function
504
Generating values of the second function based on the stored sampling points if there is a mathematical relationship between the 1st and the 2nd functions
506
End

Fig. 5

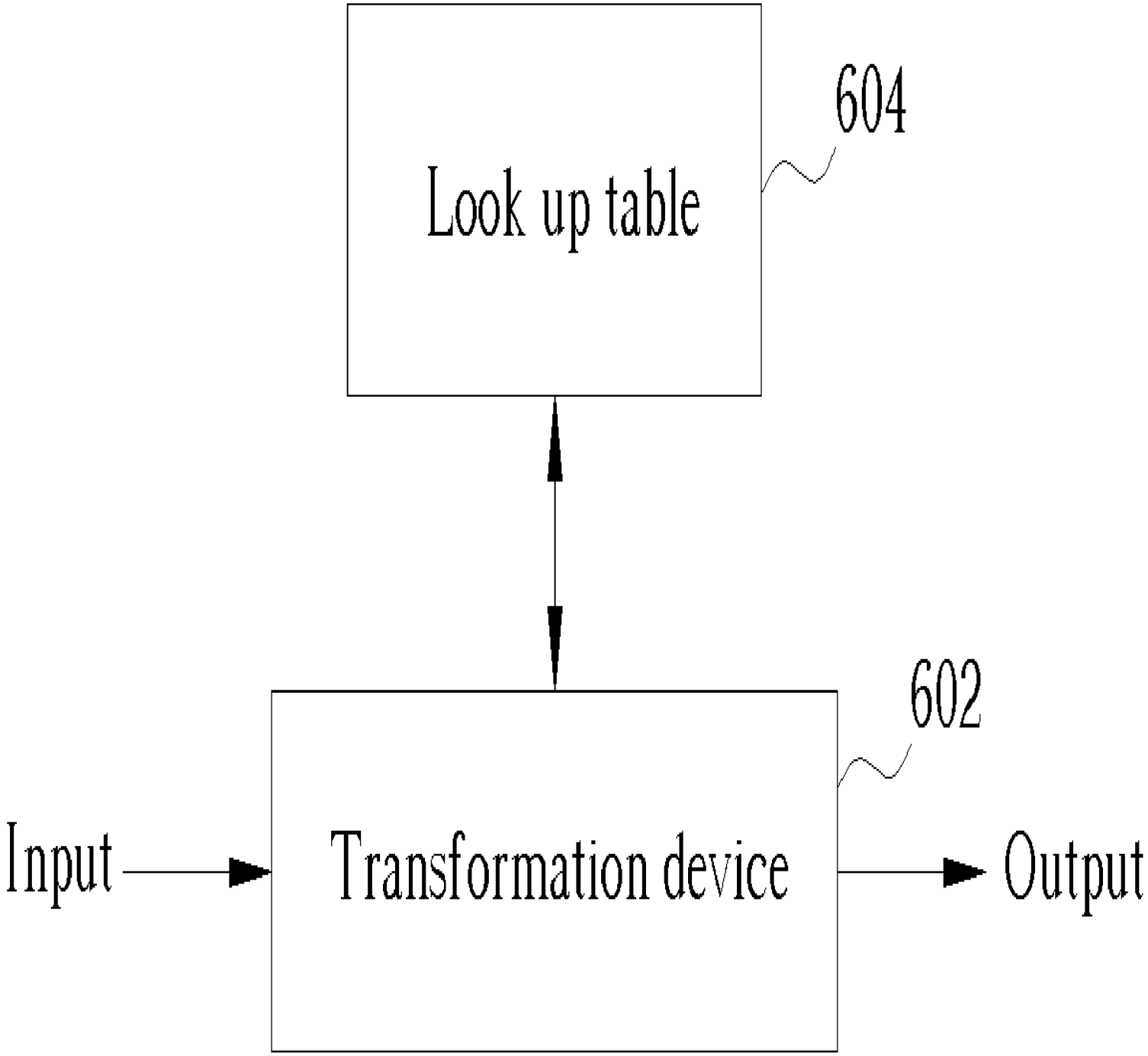

Fig. 6